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TITLE: CAST GLOSSY PAPER FOR INK JET RECODING AND MANUFACTURING METHOD THEREFOR

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## ABSTRACT:

PROBLEM TO BE SOLVED: To provide a cast glossy paper for ink jet recording, on which a high quality recording image, especially of a high recording image density can be provided especially with an ink jet dye ink on a cast-coated paper having a high evenness and lustrous properties, and its manufacturing method.

SOLUTION: This cast glossy paper for ink jet recording is a cast-coated paper, in which an ink accepting layer made of a pigment and a transparent binder is provided on at least one side of a base paper and a cast glossy layer including a pigment for giving gloss and a binder is formed on the ink accepting layer. The cast glossy layer is a coating surface solidifyingly treated with a coagulating agent. The cast-coated paper is produced by compression-bonding the cast glossy surface under its wet state with a heated and mirror-finished metal surface. The coating weight of the ink accepting layer lies within the range of 5 to 15 g/m<sup>2</sup> and its haze is 70% or less. At the same time, the pigment in the ink accepting layer is a porous synthetic silica having a particle diameter of 2 to 15  $\mu$ m.

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